DOORS SHALL BE ROLLING STEEL MODEL DURACOIL "STANDARD" (STANDARD SERVICE DOOR) AS MANUFACTURED BY RAYNOR GARAGE DOORS.

BRACKETS—STEEL PLATES MIN. 3/16"(4.8mm) THICK, BOLTED TO GUIDES FOR MOUNTING CURTAIN AND BARREL ASSEMBLY. DRIVE SIDE BRACKET SHALL BE FITTED WITH A SEALED BALL BEARING FOR LONG LIFE.

BARREL—STRUCTURAL STEEL PIPE, MINIMUM 4-1/2"(114.3mm) O.D. X 1/8"(3.0mm) WALL THICKNESS AND DESIGNED TO LIMIT MAXIMUM DEFLECTION UNDER LOAD, TO .03"(0.76mm) PER FOOT OF SPAN.

SPRING COUNTERBALANCE—THE CURTAIN SHALL BE COUNTERBALANCED BY DEGREES OF OIL TEMPERED, HELICAL, TORSION SPRINGS, GREASE-PACKED AND MOUNTED ON A SINGLE CORD WINDING DESIGN. SPRINGS SHALL BE TRANSFERRED TO ANCHORS TO FACILITATE ANY COUNTERBALANCE MAINTENANCE. CAST IRON SPRING ANCHORS SHALL TRANSFER FULL SPRING LOADING TO THE BARREL.

HOOD—SHALL BE 24 GA. COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL. HOOD TO HAVE ROLLED EDGES TO PROMOTE RIGIDITY.

GUIDES—STRUCTURAL STEEL ANGLES MIN. 3/16"(4.8mm) THICK, TOP OF GUIDE ANGLES FLARED AND PROVIDED WITH 4 REMOVABLE CURTAIN STOPS.

WINDLOAD—20 LB./SQ. FT. STANDARD, UNLESS OTHERWISE NOTED.

CHAIN HOIST—BY MEANS OF GRAY IRON REDUCTION GEARS AND GALVANIZED HAND CHAIN, MAXIMUM PULL TO BE 35 POUNDS. LOOKING TO BE ACCOMPLISHED WITH HAND CHAIN LOCK. (PADLOCK BY OTHERS.)

MODEL FF/SC/CL/C
CURTAIN—INTERLOCKING SLATS ROLLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. 1/8" X 1/8" GALVANIZED ENDLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER SLAT. ELIMINATES LATERAL MOVEMENT AND PREVENTS SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 3/8"X3/16" (5.08mmx5.08mmx4.8mm). SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL IF/C
CURTAIN—INSULATED—INTERLOCKING SLATS ROLLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653. EACH SLAT SHALL HAVE A 3/8" (9.5mm) THICK, FOLIODE FOAMBOARD INSULATION CENTERED WITHIN 1/16" (1.5mm) OF LENGTH. CURTAIN FACING COVERS A 24GA. HEAVY-GAUGE GALVANIZED STEEL. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. 1/8" X 1/8" GALVANIZED ENDLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER ENDLOCK. ELIMINATES LATERAL MOVEMENT AND PREVENTS SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 3/8"X3/16" (5.08mmx5.08mmx4.8mm). THE CURTAIN "U" VALUE IS 18 AND THE "R" VALUE IS 6.2 (SPECIFICATIONS REFLECT CALCULATED CHARACTERISTICS OF CORE MATT).

MODEL FP
CURTAIN—SHALL CONSIST OF INTERLOCKING FLAT SLATS ROLLFORMED FROM A NOT LESS THAN 32GA. COMMERCIAL QUALITY, HOT DIPPED GALVA-NIZED (G-90) STEEL PER ASTM A-653. SLATS SHALL BE PUNCHED WITH A GRID OF HOLES ACROSS THEIR ENTIRE LENGTH, PROVIDING 3% OPEN AREA PER SQUARE FOOT OF DOOR. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 3/8"X3/16" (5.08mmx5.08mmx4.8mm). SINGLE CONTACT BOTTOM ASTRAGAL.

☐ LOCKING—SLIDE BOLT TO ENGAGE GUIDE WITH PROVISION FOR PADLOCK. (PADLOCK BY OTHERS) QUANTITY REQUIRED ☐

☐ LOCKING—FIVE PIN TUMBLER CYLINDER WITH LOCK BARS TO ENGAGE THE GUIDE. QUANTITY REQUIRED ☐

☐ LOCK—OPERABLE FROM INTERIOR ONLY.

☐ LOCK—OPERABLE FROM EXTERIOR ONLY.
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**Diagram Notes:****

- **Section Thru-Opening**
- **CLear Opening**
- **Opening Height**
- **Wood Jambs**
- **Steel Jambs**
- **Masonry Jambs**
- **Block Jambs**
- **Guide Vinyl Seal**
- **Neoprene Floor Seal**
- **Rubber Hood Raffle**
- **Guide Brush Seal**
- **Lintel Brush Seal**

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